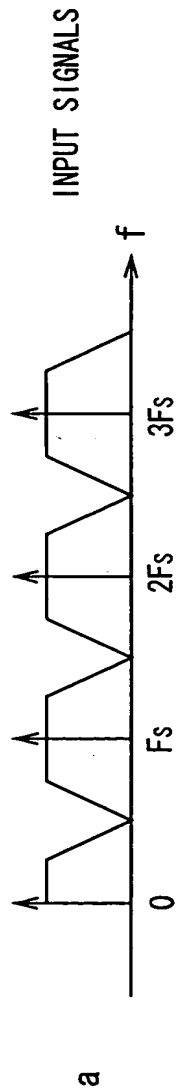
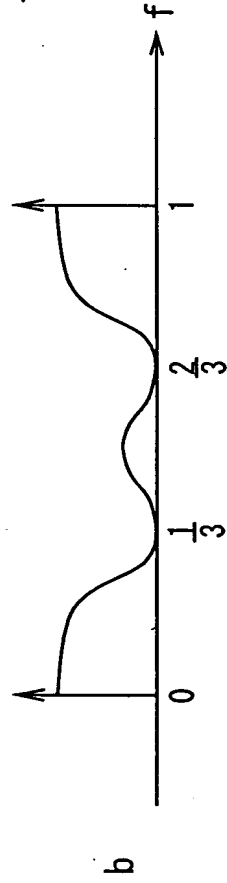


FIG. 1



$(1, 2, 3, 2, 1) = (1, 1, 1) \quad (1, 1, 1)$
 TWO POINTS OF $F_s(1/3)$, $2F_s(2/3)$ ARE ZERO



OUTPUT AFTER PERFORMING THINNING-OUT
 INTO $1/M$

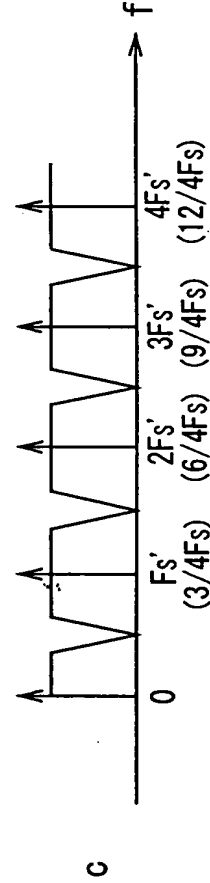
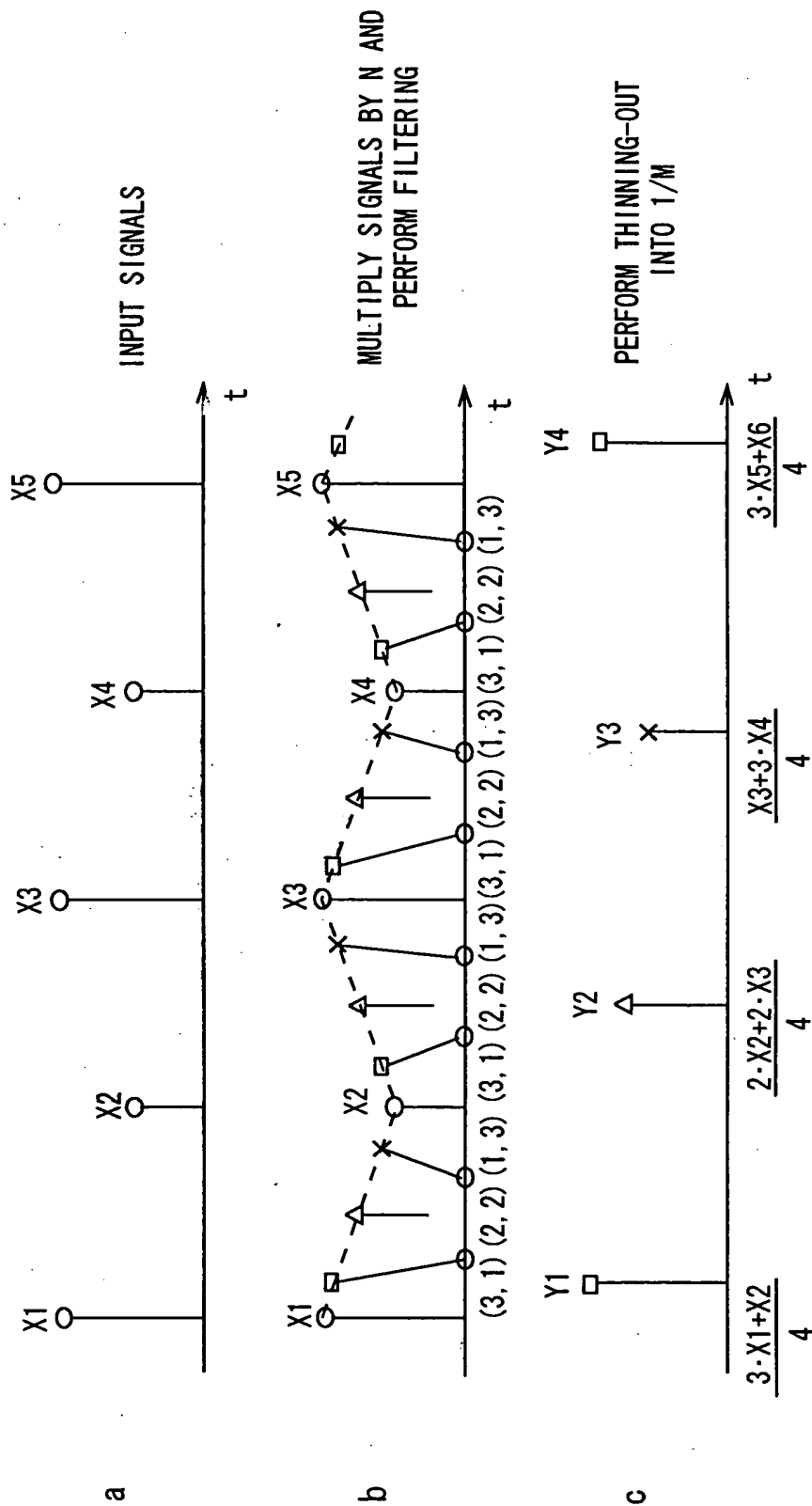


FIG. 2



AN EXAMPLE OF REDUCING INPUT SIGNALS TO 3/4 (M=4, N=3) (CURVE INTERPOLATION)

FIG. 3

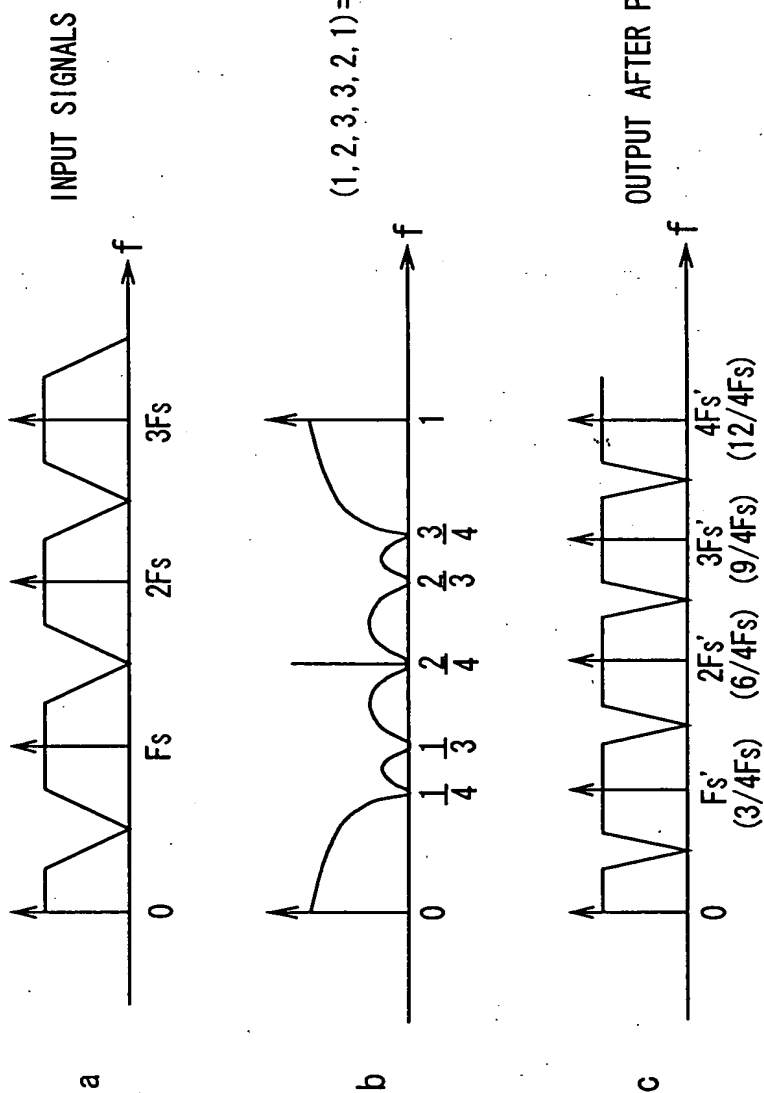


FIG. 4

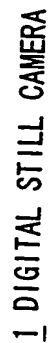


FIG. 5

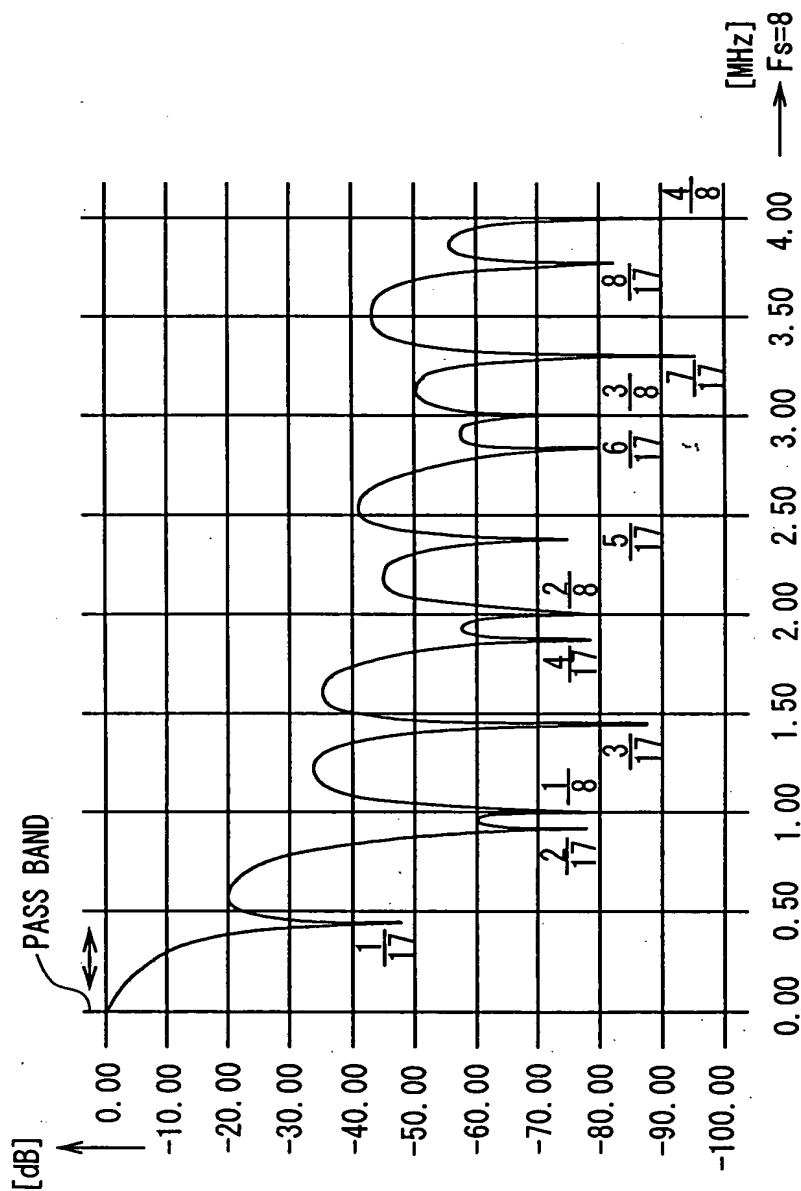


FIG. 6

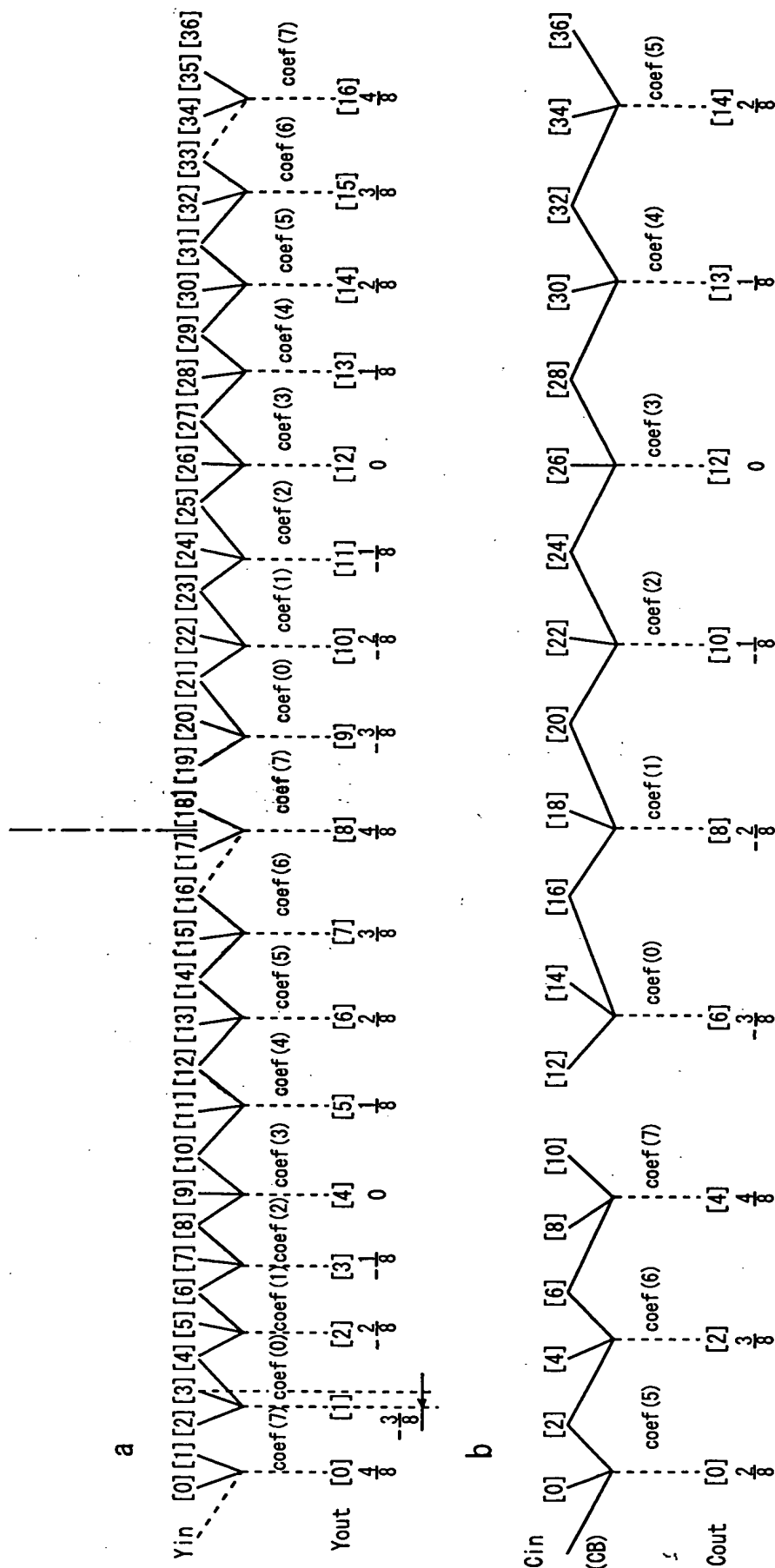


FIG. 7

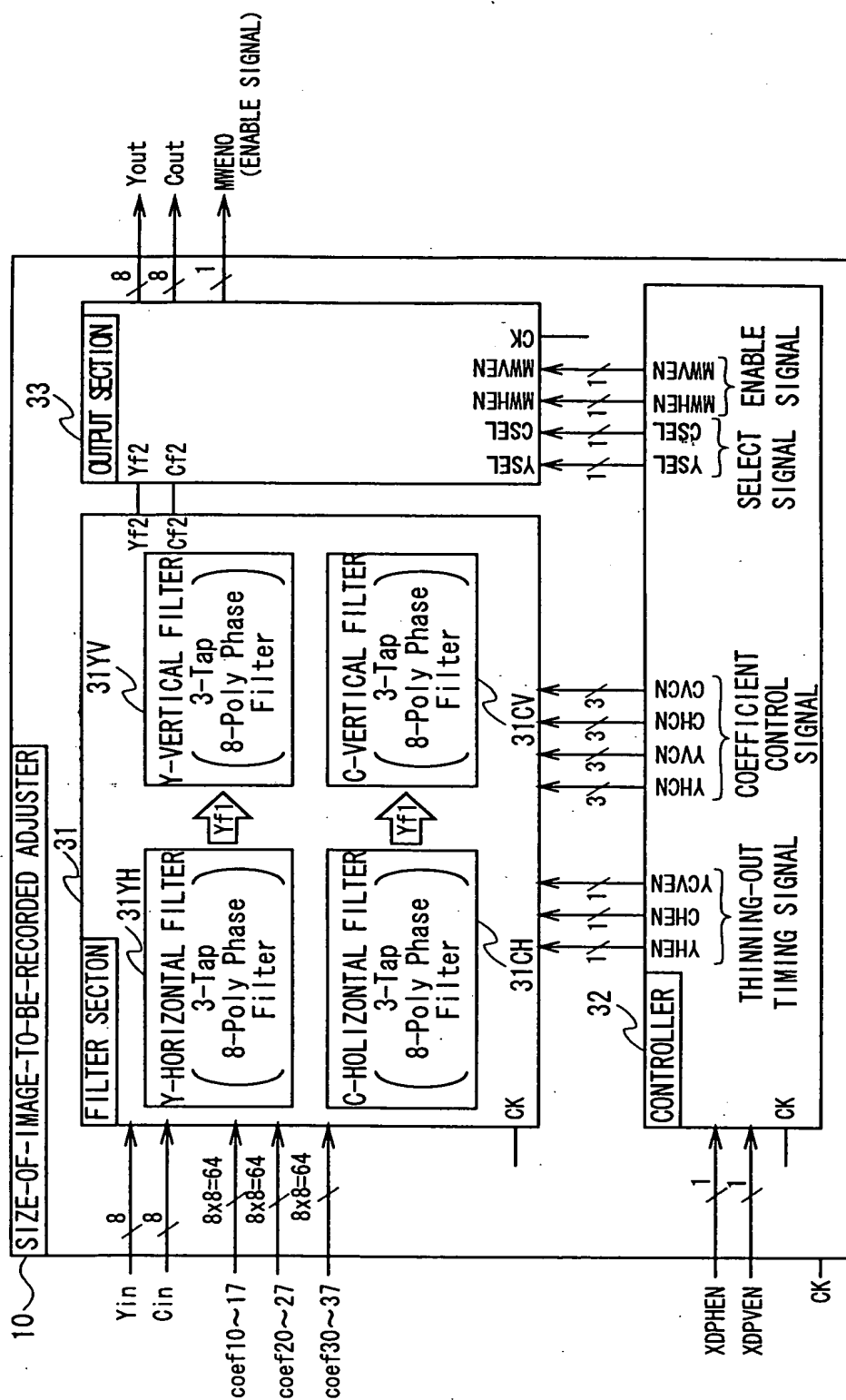


FIG. 8

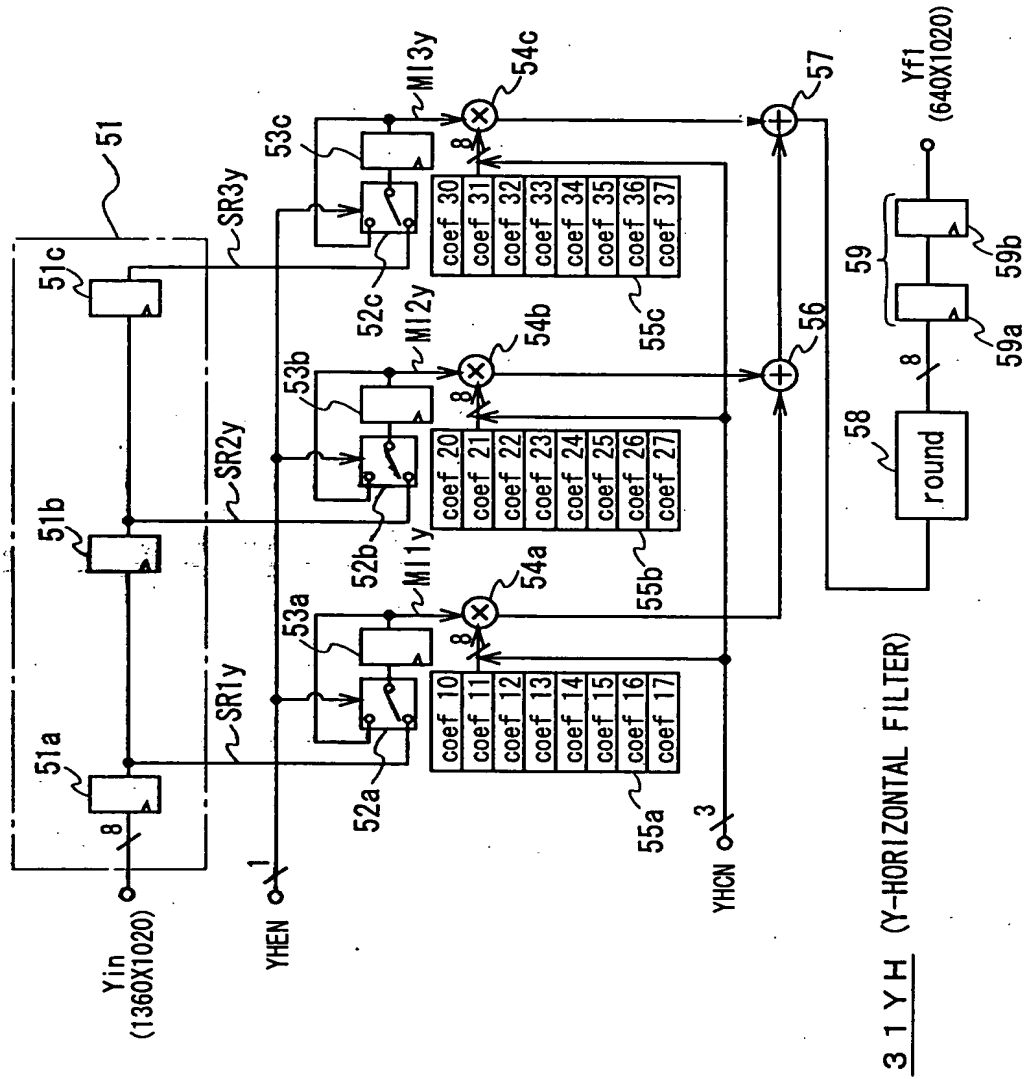


FIG. 9

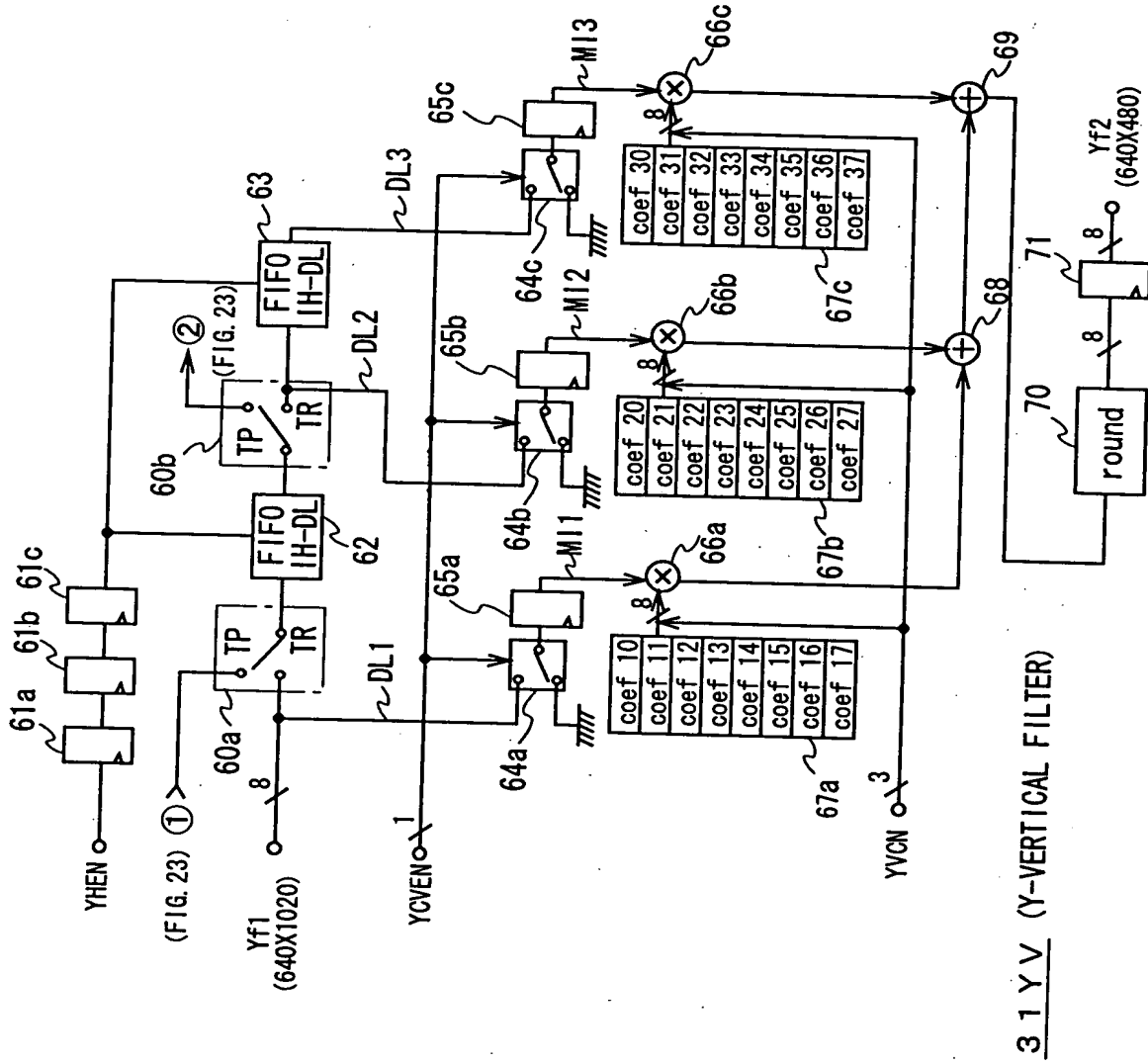


FIG. 10

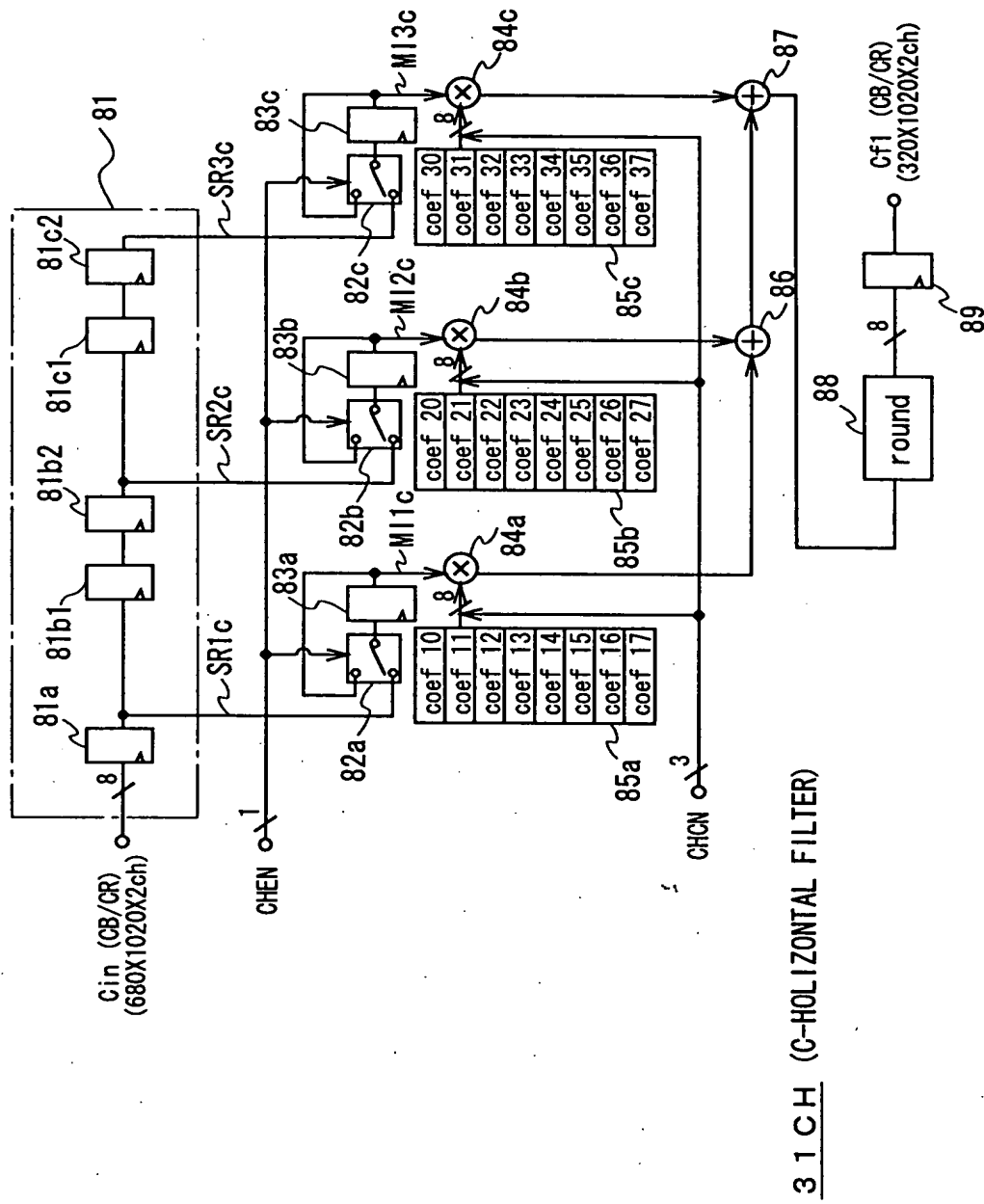


FIG. 11

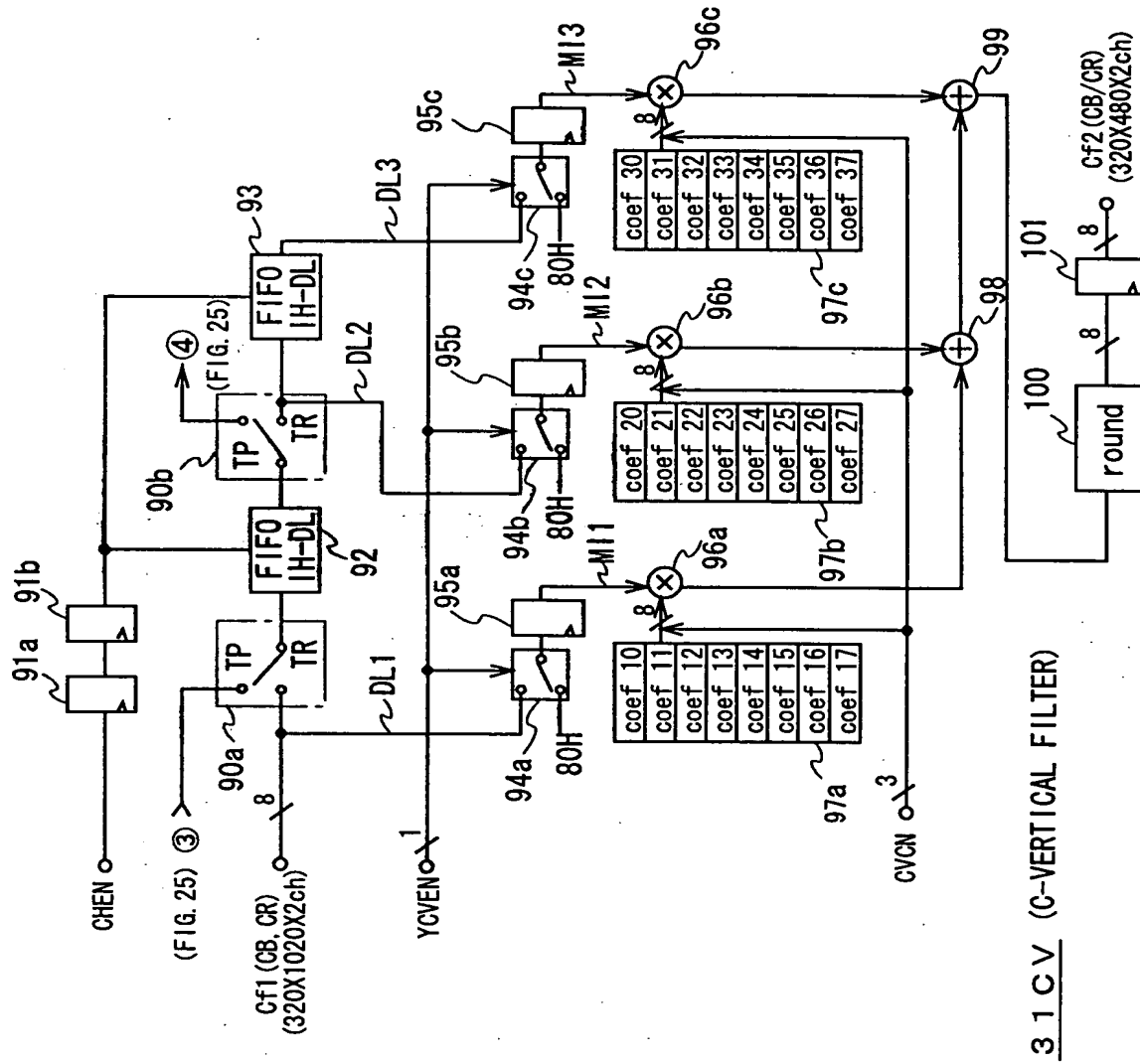


FIG. 12

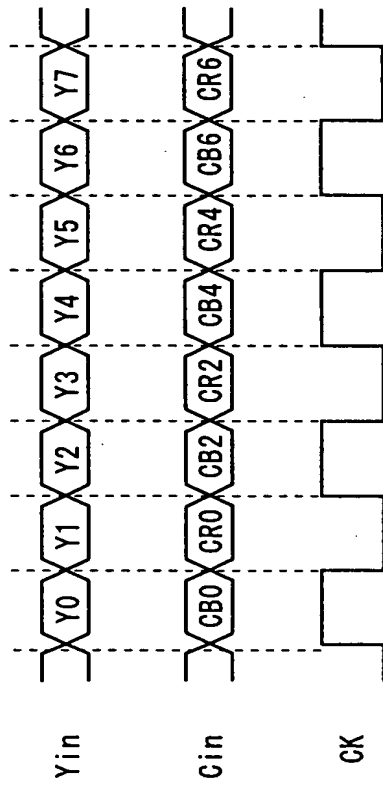
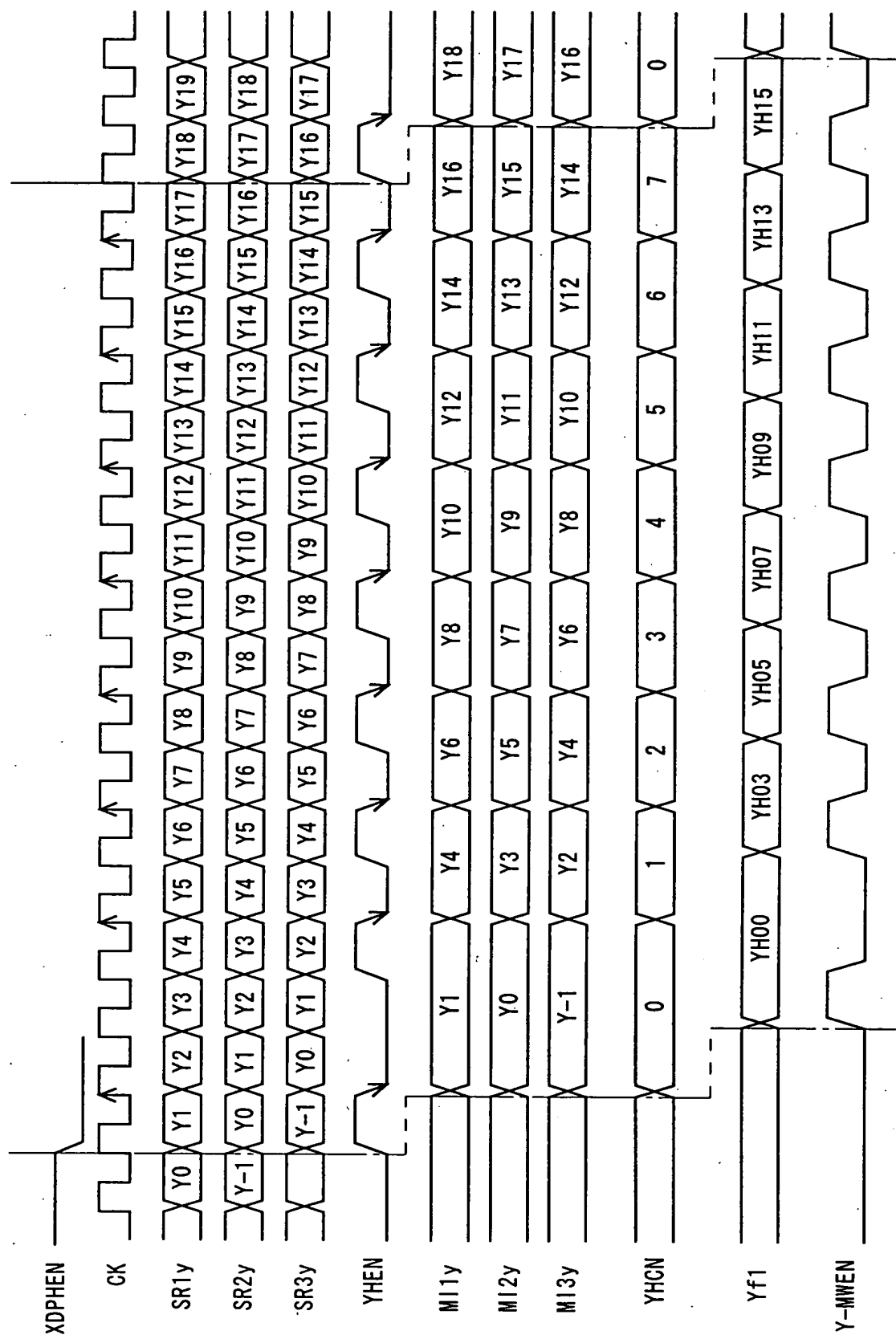
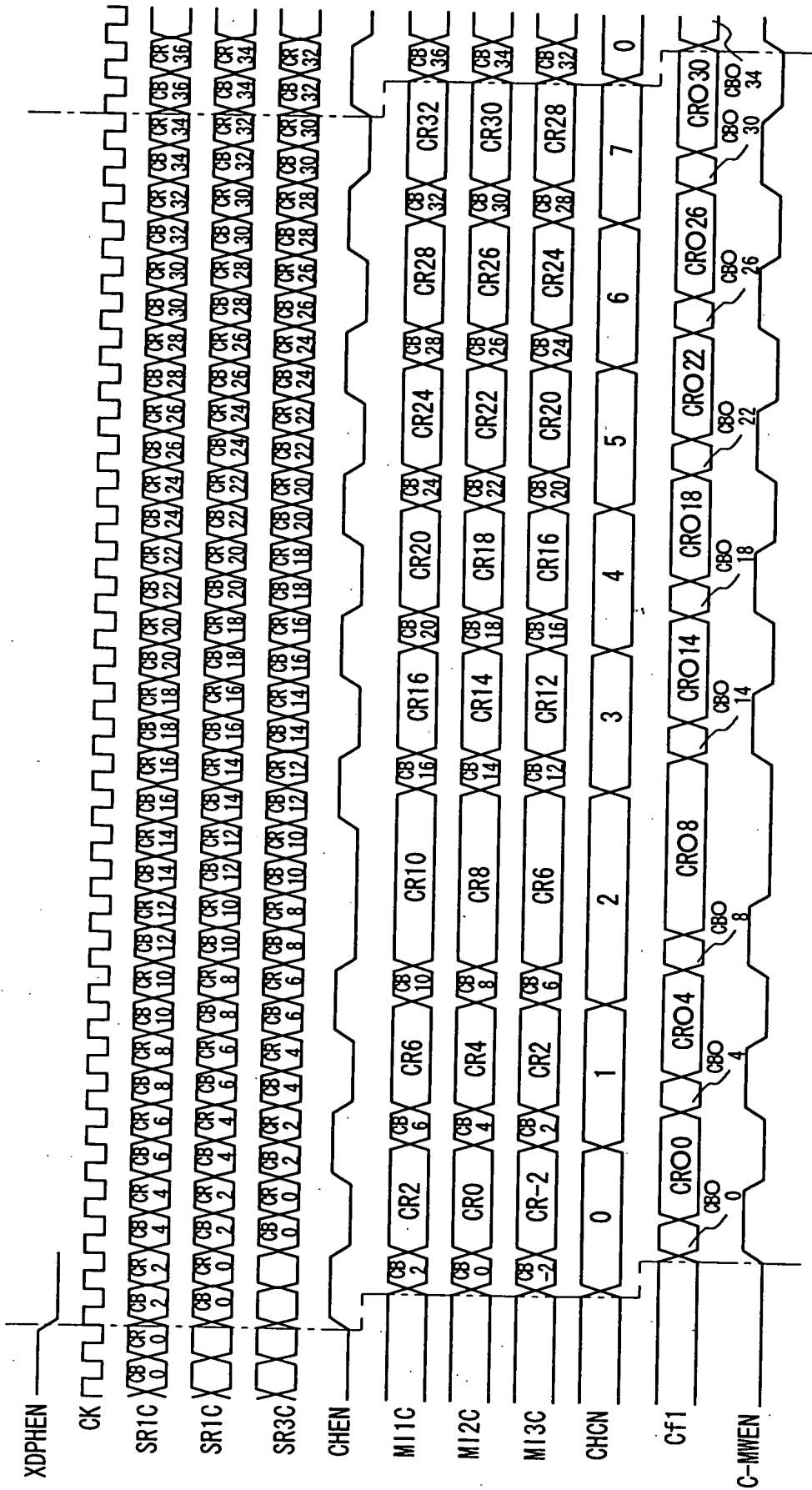


FIG. 13



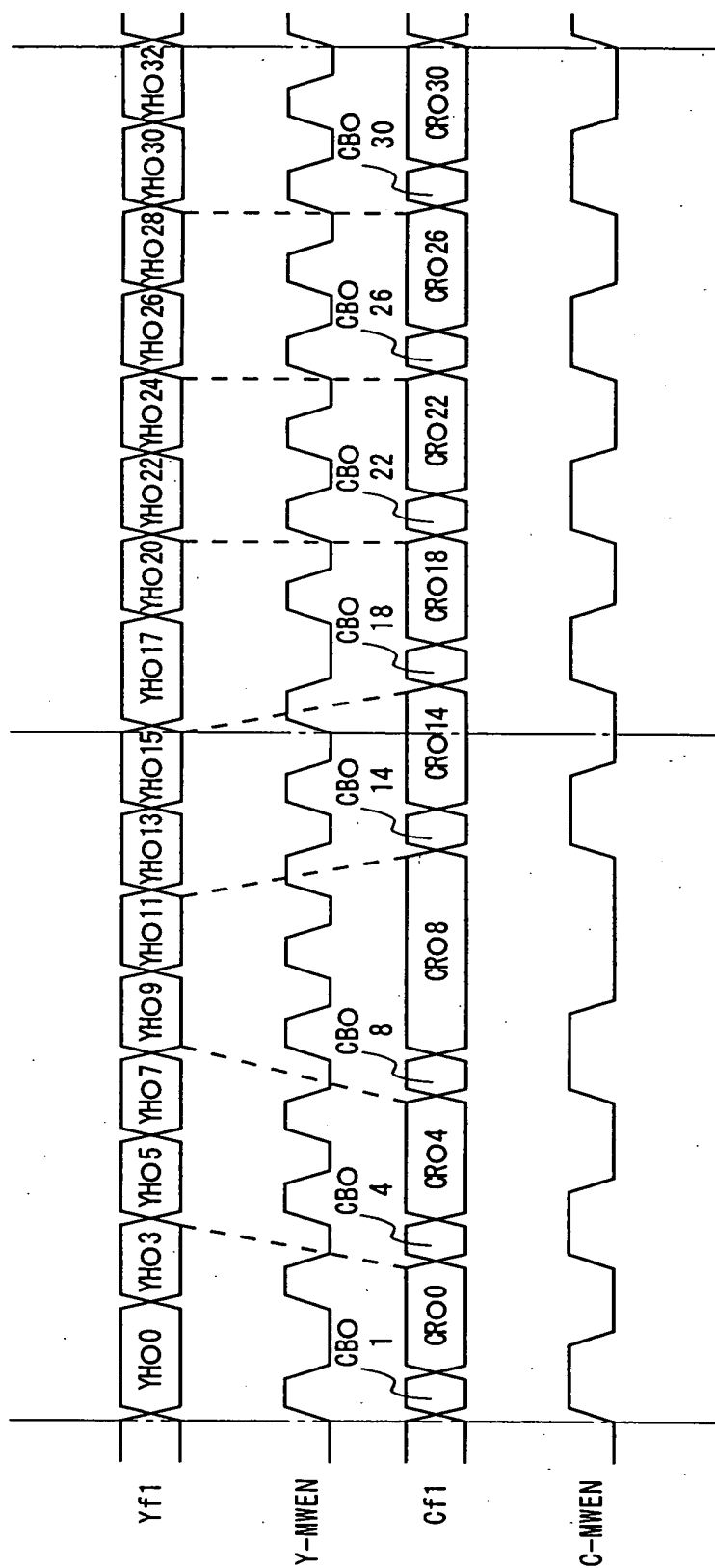
HORIZONTAL THINNING-OUT TIMING OF Y-HORIZONTAL FILTER

FIG. 14



HORIZONTAL THINNING-OUT TIMING OF C-HORIZONTAL FILTER

FIG. 15



OUTPUT TIMING OF Y-, C-HORIZONTAL FILTERS

FIG. 16



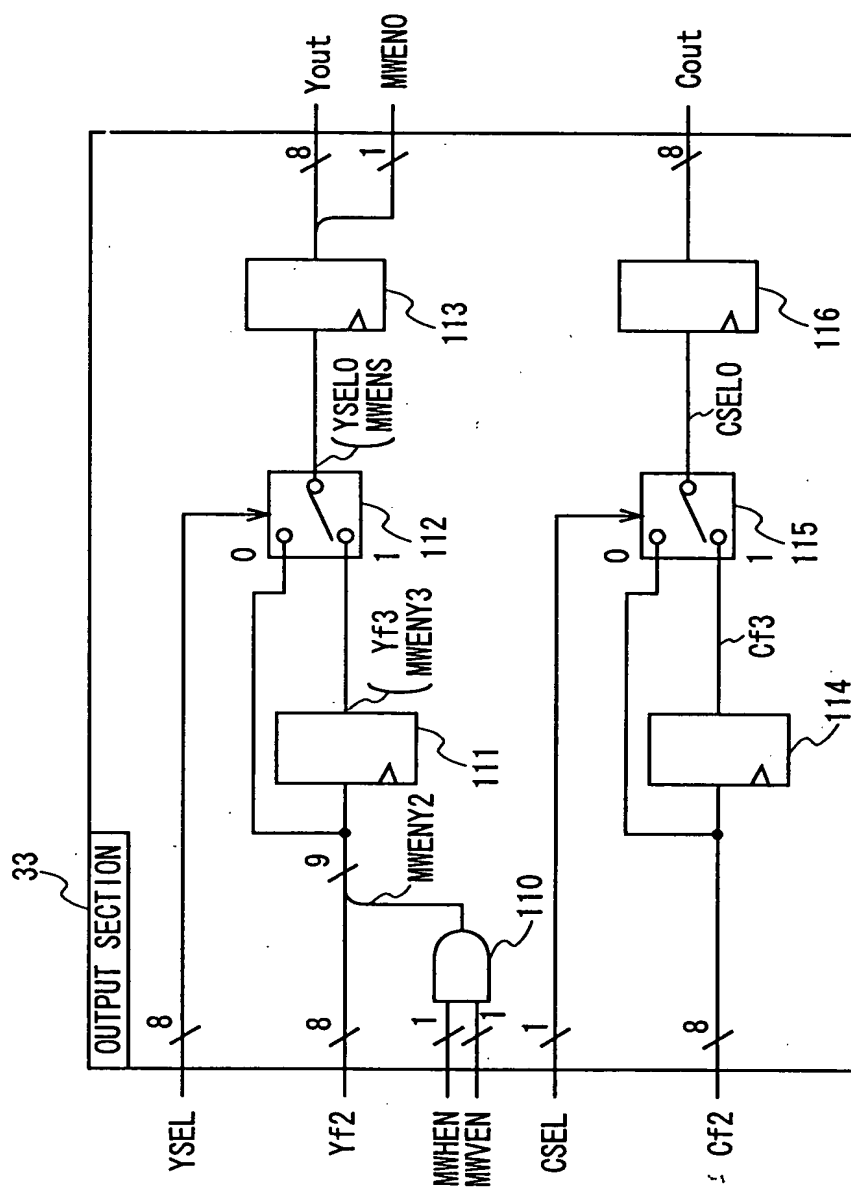


FIG. 18

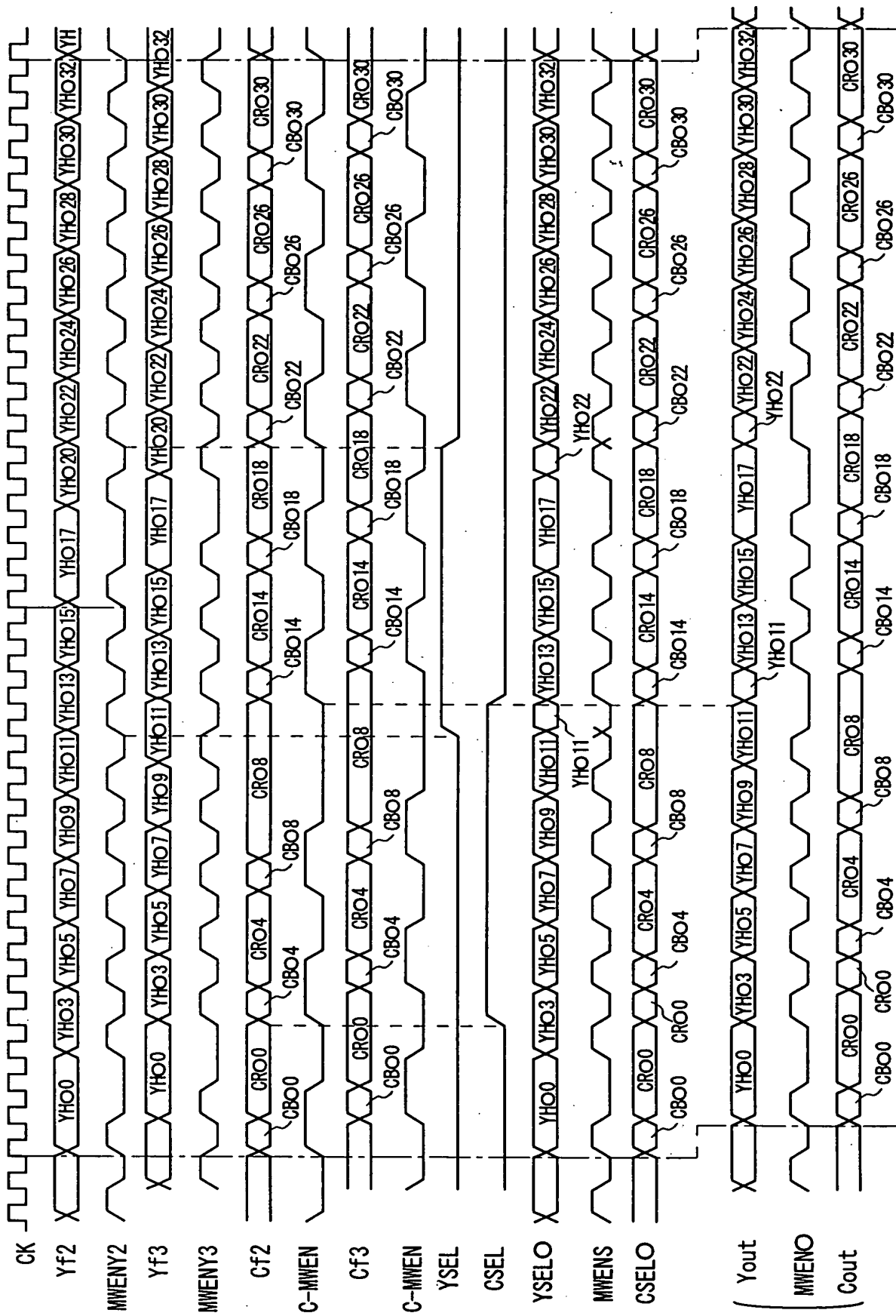


FIG. 19

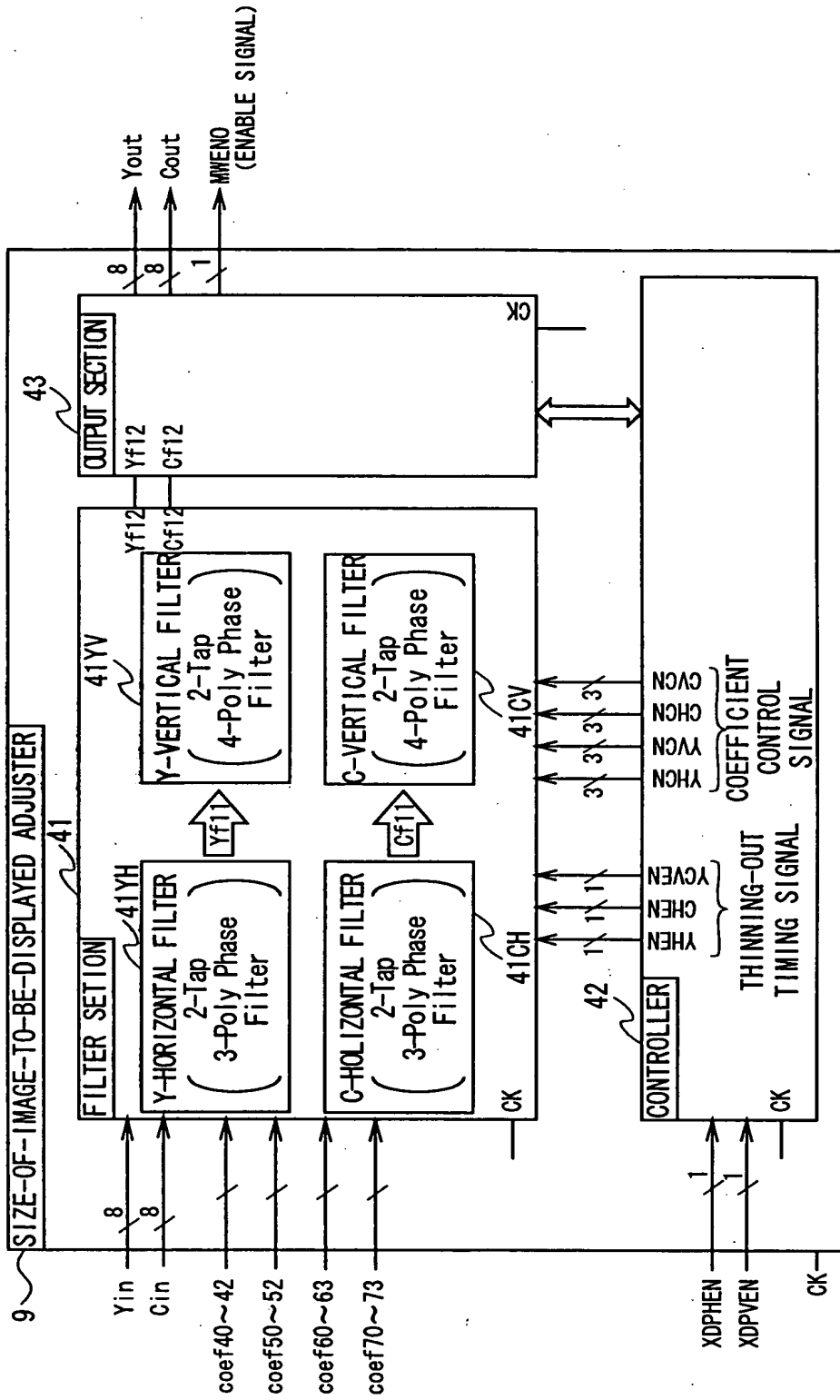
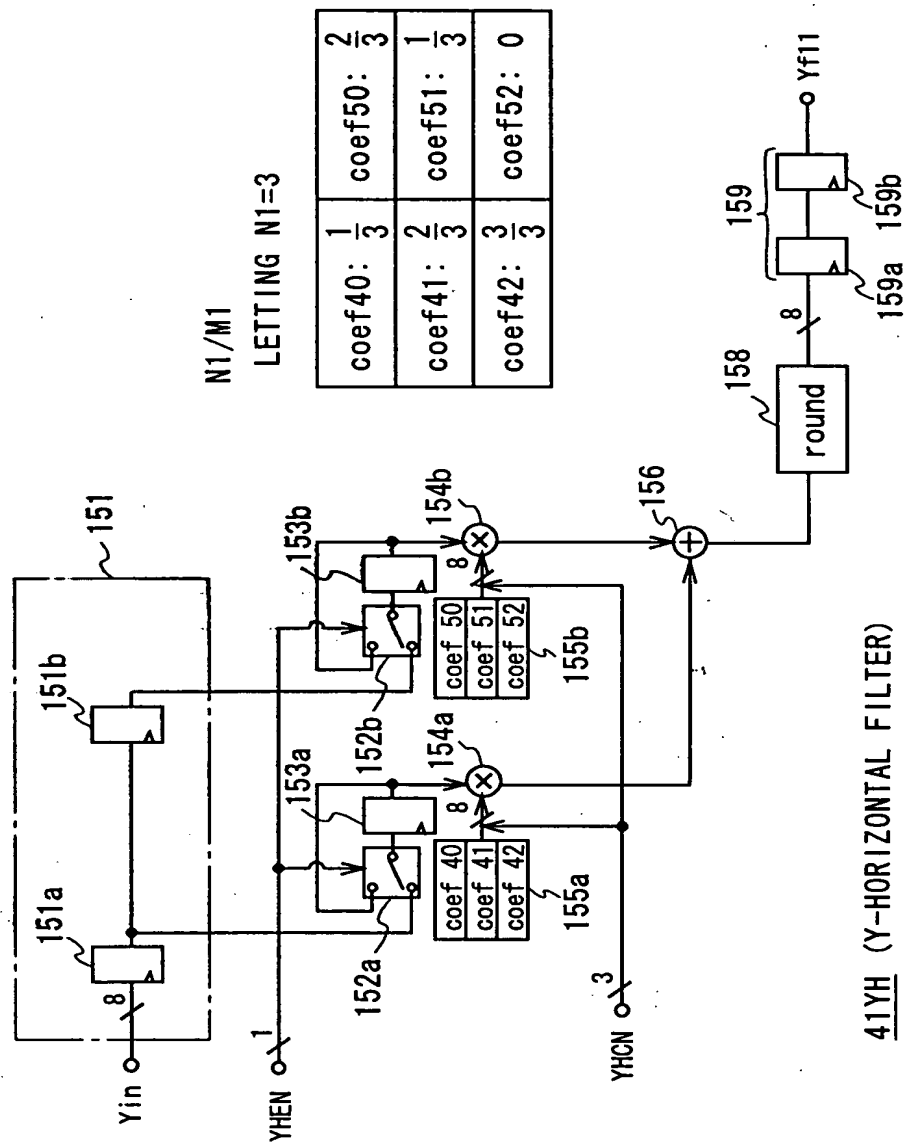


FIG. 21



41YH (Y-HORIZONTAL FILTER)

FIG. 22

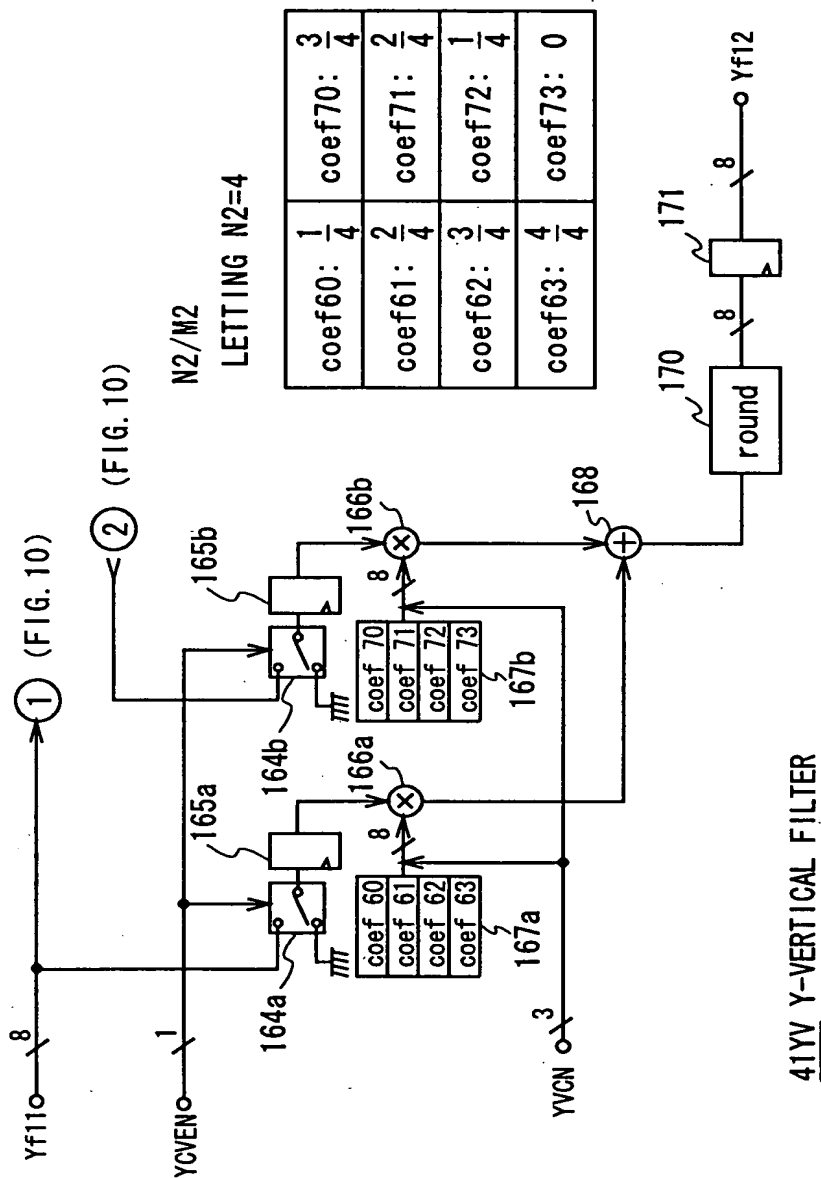


FIG. 23

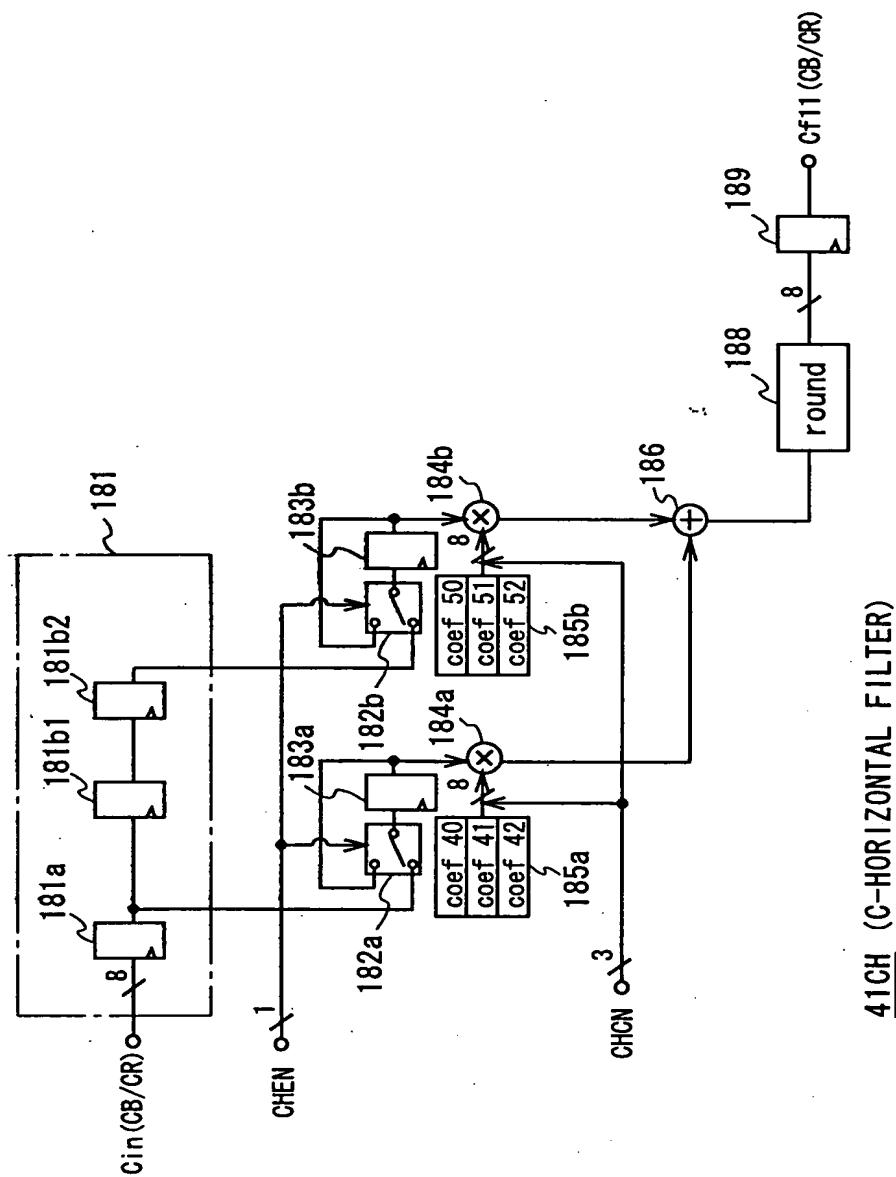
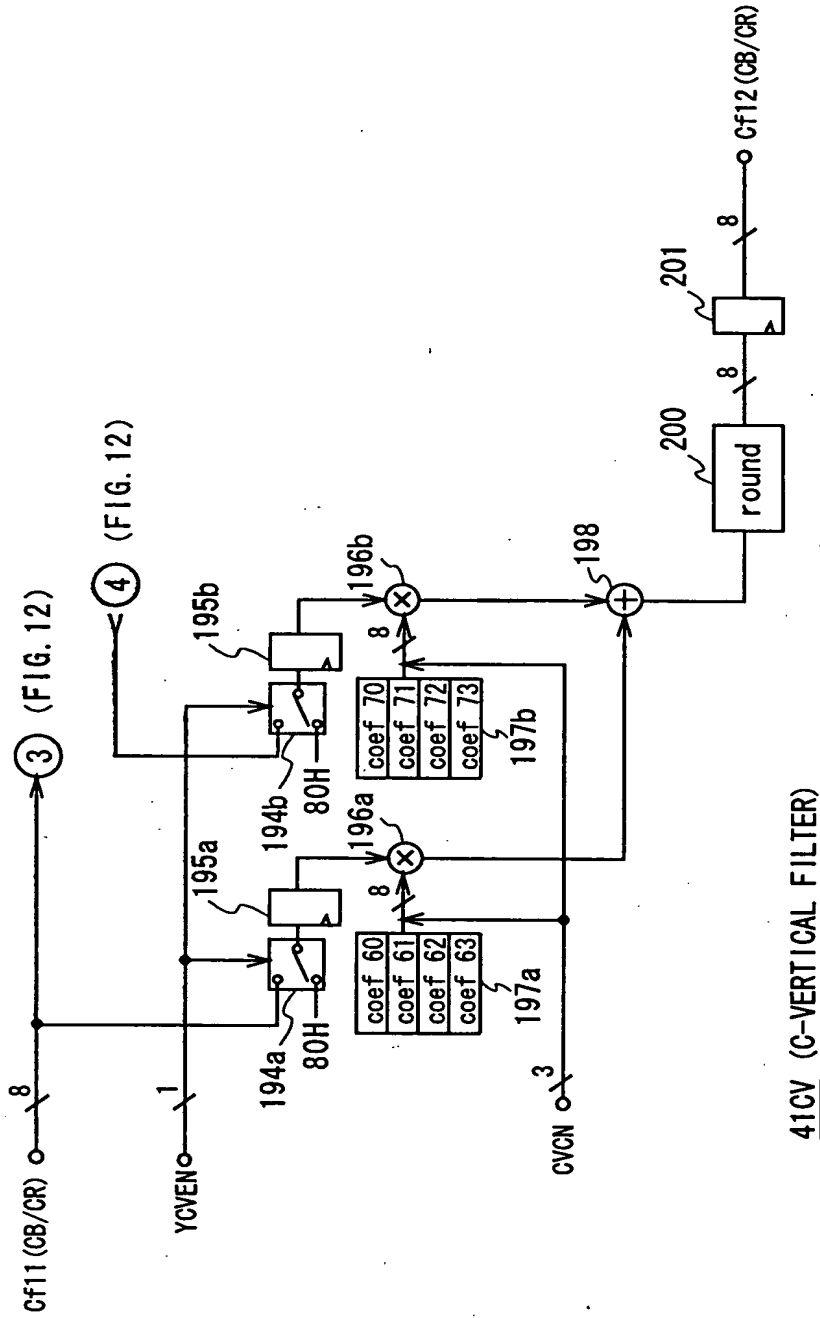


FIG. 24



41CV (C-VERTICAL FILTER)

FIG. 25